

**Quality Criteria Verification
Executive Summary
For QCV, Stage Rollout, DMSU and EGI internal**

Name of the component	blah		
Release	1.16.5	RT Ticket	#3686
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Esteban Freire	esfreire@cesga.es	
V. Hours Worked	4		
Component status	Verified	Date	08/05/12
Verification start date	08/05/12	Verification end date	08/05/12

Summary:

emi.blah.sl5.x86_64-1.16.5 was updated from UMD repository without any important issue.

GGUS Tickets:

none

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	17	0	0	17
	Specific Quality Criteria			
TP				
VLD	25	0	0	25

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Y	VLD	
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_2 (Source Distribution)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	
GENERIC_SERVICE_4 (Automatic Configuration)	Y	VLD	
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
Security Capabilities QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHN_DELEG_1 (Delegation Interface)	Y	VLD	
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
Information Capabilities QC			
CREDMGMT_LINK_1 (Institutional Authentication Linking)	Y	VLD	
INFOMODEL_SCHEMA_1 (GlueSchema Support)	Y	VLD	
INFODISC_IFACE_1 (Information Discovery Interface)	Y	VLD	
Compute Capabilities QC			
MSG_IFACE_1 (Messaging Interface)	Y	VLD	
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD	
JOBEXEC_JOB_1 (Simple Job)	Y	VLD	
JOBEXEC_JOB_2 (Simple Job with inputoutput files)	Y	VLD	
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD	
JOBEXEC_EXECMNGR_1 (Not Invasive Deployment)	Y	VLD	
JOBEXEC_EXECMNGR_2 (Job Management)	Y	VLD	
JOBEXEC_EXECMNGR_3 (Information Retrieval)	Y	VLD	
JOBEXEC_AVAIL_1 (Service Redundancy)	Y	VLD	
JOBEXEC_AVAIL_2 (Self Disabling Mechanism)	Y	VLD	
JOBEXEC_AVAIL_3 (Job Submission Peaks)	Y	VLD	
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Y	VLD	
PARALLEL_JOB_1 (Simple parallel job submission)	Y	VLD	
PARALLEL_JOB_2 (Single machine parallel job submission)	Y	VLD	
PARALLEL_JOB_3 (Fine grained mapping parallel job submis	Y	VLD	

Validator comments:

Summary:

emi.blah.sl5.x86_64-1.16.5 was updated from UMD repository without any important issue.

Validator comments:

emi.blah.sl5.x86_64-1.16.5 was updated from UMD repository without any important issue. The complete list of used repositories from UMD is this:

== UPDATE (OK) ==

* yum update

{

May 08 09:47:18 Updated: 2:libpng-1.2.10-17.el5_8.x86_64

May 08 09:47:20 Updated: openssl-0.9.8e-22.el5_8.3.x86_64

May 08 09:47:23 Updated: glite-ce-blahp-1.16.5-2.sl5.x86_64

May 08 09:47:24 Updated: 2:libpng-1.2.10-17.el5_8.i386

May 08 09:47:26 Updated: openssl-0.9.8e-22.el5_8.3.i686

May 08 09:47:28 Updated: glite-ce-yaim-cream-ce-4.2.4-1.sl5.x86_64

May 08 09:47:28 Updated: emi-version-1.11.0-1.sl5.x86_64

}

== CONFIGURATION (OK) ==

* Yaim script was used for CreamCe configuration, this is the content for the used site-info.def file:

{

YAIM example site configuration file - adapt it to your site!

#####

CE configuration variables

#####

CE_HOST=test06.egi.cesga.es

WMS_HOST=test22.egi.cesga.es

BDII_HOST=topbdii02.ncg.ingrid.pt

SITE_BDII_HOST=sbdii02.ncg.ingrid.pt

##LFC_HOST=lxb7607.cern.ch

PX_HOST=myproxy.egi.cesga.es

MON_HOST=test07.egi.cesga.es

YAIM_LOGGING_LEVEL=DEBUG

#####

CREAM CE node cluster mode

#####

CREAMCE_CLUSTER_MODE=no

```
#####  
# Site configuration variables #  
#####
```

```
SITE_EMAIL=egee-admin@cesga.es
```

```
SITE_NAME=CESGA-EGEE  
SITE_LOC="Santiago de Compostela, Spain"  
SITE_LAT=42.875558      #42.8757 # -90 to 90 degrees  
SITE_LONG=-8.553147    #-8.5536 # -180 to 180 degrees
```

```
#####  
# Batch server configuration variables #  
#####
```

```
# Jobmanager specific settings  
JOB_MANAGER=lcgpbs  
BATCH_SERVER=test06.egi.cesga.es  
CE_BATCH_SYS=torque  
BATCH_LOG_DIR=/var/torque  
BATCH_VERSION=torque-2.5.7-7
```

```
#####  
# APEL configuration variables #  
#####
```

```
# Database password for the APEL DB.  
APEL_MYSQL_HOST=test07.egi.cesga.es  
APEL_DB_PASSWORD=""
```

```
#####
```

```
# ARGUS authorisation framework control #
```

```
#####
```

```
# Set USE_ARGUS to yes to enable the configuration of ARGUS
```

```
###USE_ARGUS=yes  
USE_ARGUS=no
```

```
# In case ARGUS is to be used the following should be set  
# The ARGUS service PEPD endpoints as a space separated list:
```

```
###ARGUS_PEPD_ENDPOINTS="https://test10.egi.cesga.es:8154/authz"  
###CREAM_PEPD_RESOURCEID="http://www.egee.cesga.es/test10"
```

```
# These variables tell YAIM where to find additional configuration files.
```

```
WN_LIST=/opt/glite/yaim/etc/wn-list.conf  
USERS_CONF=/opt/glite/yaim/etc/users.conf  
GROUPS_CONF=/opt/glite/yaim/etc/groups.conf  
FUNCTIONS_DIR=/opt/glite/yaim/functions
```

```
#  
# SE_dpm-specific settings - Ignore if you are not running a DPM  
#  
# Set these if you are installing a DPM yourself  
# and/or if you need a default DPM for the lcg-stdout-mon  
#  
# DPMDATA is now deprecated. Use an entry like $DPM_HOST:/filesystem in  
# the DPM_FILESYSTEMS variable.  
# From now on we use DPM_DB_USER and DPM_DB_PASSWORD to make clear  
# its different role from that of the dpmmgr unix user who owns the  
# directories and runs the daemons.
```

```
# The name of the DPM head node  
DPM_HOST=test08.egi.cesga.es
```

```
DPMPOOL=egi-pool  
DPM_FILESYSTEMS="$DPM_HOST:/storage"
```

```
# The base user  
DPM_DB_USER=dpmmgr  
DPM_DB_HOST=$DPM_HOST  
DPM_DB_PASSWORD=
```

```
# Specifies the default amount of space reserved for a file  
#DPMFSIZE=200M
```

```
DPM_INFO_USER=dpm_info  
DPM_INFO_PASS=
```

```
# Variable for the port range - Optional, default value is shown  
# RFIO_PORT_RANGE="20000 25000"
```

```
# This largely replaces CE_CLOSE_SE but it is a list of hostnames  
SE_MOUNT_INFO_LIST="none"  
SE_LIST="$DPM_HOST"
```

SE_ARCH="multidisk" # "disk, tape, multidisk, other"

#####

SubCluster configuration

#####

Architecture and environment specific settings

CE_CPU_MODEL=Opteron

CE_CPU_VENDOR=amd

CE_CPU_SPEED=2200

CE_OS="ScientificSL" # Forma correcta

CE_OS_RELEASE=5.5

CE_OS_VERSION="Boron"

#New variables

CE_PHYSCPU=2

CE_LOGCPU=2

CE_OS_ARCH=x86_64

CE_CAPABILITY="CPUScalingReferenceSI00=2395"

CE_OTHERDESCR="Cores=24,Benchmark=9.58-HEP-SPEC06"

SE_MOUNT_INFO_LIST="none"

CE_SI00=2395

CE_MINPHYSMEM=524

CE_MINVIRTMEM=512

CE_SMPSIZE=2

CE_SF00=1714

CE_OUTBOUNDIP=TRUE

CE_INBOUNDIP=FALSE

CE_RUNTIMEENV="

LCG-2

LCG-2_1_0

LCG-2_1_1

LCG-2_2_0

LCG-2_3_0

LCG-2_3_1

LCG-2_4_0

LCG-2_5_0

LCG-2_6_0

LCG-2_7_0

GLITE-3_0_0

GLITE-3_0_2

GLITE-3_1_0

R-GMA

"

###CREAM CE Variables

```
CEMON_HOST=test06.egi.cesga.es
CREAM_DB_USER=umctest
CREAM_DB_PASSWORD=""
MYSQL_PASSWORD=""
BLPARSER_HOST=test06.egi.cesga.es
```

```
# MPI CONFIGURATION
```

```
#####
```

```
MPI_OPENMPI_ENABLE="yes"
MPI_OPENMPI_VERSION="1.4-4"
##If you do NOT provide a shared home, set $MPI_SHARED_HOME to "no" (default).
###MPI_SHARED_HOME="no"
## If you do NOT have SSH Hostbased Authentication between your WNs, set the
below variable to "no" (default). Else, set it to "yes".
###MPI_SSH_HOST_BASED_AUTH="yes"
### If you use Torque as batch system, you may want to let the yaim plugin configure a
submit filter for you. Uncomment the following line to do so
MPI_SUBMIT_FILTER="yes"
```

```
# VOS="atlas alice lhcb cms dteam biomed"
# Space separated list of supported VOs by your site
VOS="ops dteam ops.vo.ibergrid.eu iber.vo.ibergrid.eu"
QUEUES="GRID_ops GRID_dteam GRID_opsibeu GRID_iberibeu"
VO_SW_DIR=/opt/exp_soft
```

```
#New in Yaim 3.0.1
```

```
GRID_OPS_GROUP_ENABLE="ops /VO=ops/GROUP=/ops/ROLE=lcgadmin"
GRID_DTEAM_GROUP_ENABLE="dteam
/VO=dteam/GROUP=/dteam/ROLE=lcgadmin"
GRID_OPSIBEU_GROUP_ENABLE="ops.vo.ibergrid.eu
/VO=ops.vo.ibergrid.eu/GROUP=/ops.vo.ibergrid.eu/ROLE=VO-Admin
/VO=ops.vo.ibergrid.eu/GROUP=/ops.vo.ibergrid.eu/ROLE=Production"
GRID_IBERIBEU_GROUP_ENABLE="iber.vo.ibergrid.eu
/VO=iber.vo.ibergrid.eu/GROUP=/iber.vo.ibergrid.eu/ROLE=VO-Admin
/VO=iber.vo.ibergrid.eu/GROUP=/iber.vo.ibergrid.eu/ROLE=Production"
```

```
#:::~::~:
```

```
#ops
```

```
#:::~::~:
```

```
VO_OPS_SW_DIR=$VO_SW_DIR/ops
VO_OPS_DEFAULT_SE=$DPM_HOST
VO_OPS_STORAGE_DIR=$CLASSIC_STORAGE_DIR/ops
VO_OPS_QUEUES="GRID_ops"
VO_OPS_VOMS_SERVERS="vomss://voms.cern.ch:8443/voms/ops?/ops/"
VO_OPS_VOMSES=""ops voms.cern.ch 15009
/DC=ch/DC=cern/OU=computers/CN=voms.cern.ch ops"
VO_OPS_VOMS_CA_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification
Authority' /DC=ch/DC=cern/CN=CERN Trusted Certification Authority"
```

```
#:.....
#dteam
#:.....
VO_DTEAM_SW_DIR=$VO_SW_DIR/dteam
VO_DTEAM_DEFAULT_SE=$DPM_HOST
VO_DTEAM_STORAGE_DIR=$CLASSIC_STORAGE_DIR/dteam
VO_DTEAM_QUEUES="GRID_dteam"
VO_DTEAM_VOMS_SERVERS='vomss://voms.hellasgrid.gr:8443/voms/dteam?/dteam/'
VO_DTEAM_VOMSES=""dteam lcg-voms.cern.ch 15004
/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch dteam 24' 'dteam voms.cern.ch
15004 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch dteam 24' 'dteam
voms.hellasgrid.gr 15004 /C=GR/O=HellasGrid/
OU=hellasgrid.gr/CN=voms.hellasgrid.gr dteam 24' 'dteam voms2.hellasgrid.gr
15004 /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr dteam 24'"
VO_DTEAM_VOMS_CA_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'
'/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006'
'/C=GR/O=HellasGrid/OU=Certif
ication Authorities/CN=HellasGrid CA 2006'"
```

```
## IBERGRID VOS ##
```

```
# ops.vo.ibergrid.eu
VO_OPS_VO_IBERGRID_EU_SW_DIR=$VO_SW_DIR/opsibeu
VO_OPS_VO_IBERGRID_EU_DEFAULT_SE=$DPM_HOST
VO_OPS_VO_IBERGRID_EU_STORAGE_DIR=$CLASSIC_STORAGE_DIR/opsibeu
VO_OPS_VO_IBERGRID_EU_QUEUES="GRID_opsibeu"
VO_OPS_VO_IBERGRID_EU_VOMS_SERVERS=""vomss://voms02.ncg.ingrid.pt:8443/voms/ops.vo.ibergrid.eu?/ops.vo.ibergrid.eu"
VO_OPS_VO_IBERGRID_EU_VOMSES=""ops.vo.ibergrid.eu voms02.ncg.ingrid.pt
40001 /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms02.ncg.ingrid.pt
ops.vo.ibergrid.eu"
VO_OPS_VO_IBERGRID_EU_VOMS_CA_DN=""/C=PT/O=LIPCA/CN=LIP
Certification Authority"
```

```
# iber.vo.ibergrid.eu
```

```
VO_IBER_VO_IBERGRID_EU_SW_DIR=$VO_SW_DIR/iberibeu
VO_IBER_VO_IBERGRID_EU_DEFAULT_SE=$DPM_HOST
VO_IBER_VO_IBERGRID_EU_STORAGE_DIR=$CLASSIC_STORAGE_DIR/iberibeu
VO_IBER_VO_IBERGRID_EU_QUEUES="GRID_iberibeu"
VO_IBER_VO_IBERGRID_EU_VOMS_SERVERS=""vomss://voms02.ncg.ingrid.pt:8443/voms/iber.vo.ibergrid.eu?/iber.vo.ibergrid.eu"
VO_IBER_VO_IBERGRID_EU_VOMSES=""iber.vo.ibergrid.eu voms02.ncg.ingrid.pt
40003 /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms02.ncg.ingrid.pt
iber.vo.ibergrid.eu"
VO_IBER_VO_IBERGRID_EU_VOMS_CA_DN=""/C=PT/O=LIPCA/CN=LIP
Certification Authority"
}}}
```


* TopBDII was configured for verification in topbdii02.ncg.ingrid.pt.

* After these changes it was executed yaim:

```
{{{
/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_CE -n creamCE
-n TORQUE_server -n TORQUE_utils
[ ... ]
Max open servers: 9
set queue GRID_iberibeu queue_type = Execution
set queue GRID_iberibeu resources_max.cput = 48:00:00
set queue GRID_iberibeu resources_max.walltime = 72:00:00
set queue GRID_iberibeu enabled = True
set queue GRID_iberibeu started = True
set queue GRID_iberibeu acl_group_enable = True
  DEBUG: Mapping: iber.vo.ibergrid.eu --> ibeibeu
  DEBUG: Mapping:
/VO=iber.vo.ibergrid.eu/GROUP=/iber.vo.ibergrid.eu/ROLE=VO-Admin -->
ibeibeusgm
  DEBUG: Mapping:
/VO=iber.vo.ibergrid.eu/GROUP=/iber.vo.ibergrid.eu/ROLE=Production -->
ibeibeuprd
Shutting down TORQUE Server:                [ OK ]
/var/torque/server_priv/serverdb
Starting TORQUE Server:                      [ OK ]
  DEBUG: zip server log
  INFO: Executing function: config_maui_cfg_setenv
  DEBUG: Currently this function doesn't set any environment variables.
  INFO: Executing function: config_maui_cfg
  INFO: configuring maui ...
  DEBUG: Saving the existing maui configuration
MPI_CE creamCE TORQUE_server TORQUE_utils
  DEBUG: Starting Maui ...
Shutting down MAUI Scheduler:                [ OK ]
Starting MAUI Scheduler:                    [ OK ]
  INFO: Executing function: config_apel_pbs_setenv
  DEBUG: This function currently doesn't set any environment variables.
  INFO: Executing function: config_apel_pbs
  DEBUG: Check if the parser config template (/etc/glite-apel-pbs/parser-config.xml)
exists, exists if not
  DEBUG: Create a parser config xml file (/etc/glite-apel-pbs/parser-config-yaim.xml)
  DEBUG: Creating APEL parser configuration in /etc/glite-apel-pbs/parser-config.xml
  DEBUG: Change the ownership and permissions of the created config file
  DEBUG: Add a cron job (edg-apel-pbs-parser) for periodic configuration.
  INFO: Executing function: config_gip_sched_plugin_pbs_setenv
  DEBUG: This function currently doesn't set any environment variables.
  INFO: Executing function: config_gip_sched_plugin_pbs
  DEBUG: Checks if the batch system is correct for this function
  DEBUG: Define the 'max jobs' cmd for the VOs
```

DEBUG: Add BATCH_SERVER to the /var/torque/server_name file to enable torque clients

DEBUG: Create ERT configuration

DEBUG: Skipping function: config_torque_submitter_ssh_setenv because it is not defined

INFO: Executing function: config_torque_submitter_ssh

Reloading sshd: [OK]

INFO: Configuration Complete. [OK]

INFO: YAIM terminated successfully.

}}}

=== TESTING ===

==== Checking ldap (OK) =====

{{{

[root@ce2 etc]# ldapsearch -x -H ldap://test06.egi.cesga.es:2170 -b o=grid

}}}

{{{

[root@ce2 cron.d]# ldapsearch -x -H ldap://test06.egi.cesga.es:2170 -b o=grid | grep GlueCEStateFreeCPUs

GlueCEStateFreeCPUs: 2

GlueCEStateFreeCPUs: 2

GlueCEStateFreeCPUs: 2

GlueCEStateFreeCPUs: 2

}}}

{{{

[root@ce2 cron.d]# ldapsearch -x -H ldap://sbdii02.ncg.ingrid.pt:2170 -b o=grid | grep test06

test06.egi.cesga.es, UMD-VERIFICATION, grid

dn: GlueClusterUniqueID=test06.egi.cesga.es,Mds-Vo-name=UMD-VERIFICATION,o=gri

GlueClusterUniqueID: test06.egi.cesga.es

```
GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_ops
GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_dteam
GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_opsibeu
GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_iberibeu
GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_ops
GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_dteam
GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_opsibe
GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_iberib
GlueClusterName: test06.egi.cesga.es

[ ..... ]

}}

{{{

[root@ce2 etc]# ldapsearch -x -H ldap://topbdii02.ncg.ingrid.pt:2170 -b o=grid | grep
test06

# test06.egi.cesga.es, UMD-VERIFICATION, local, grid

dn: GlueClusterUniqueID=test06.egi.cesga.es,Mds-Vo-name=UMD-
VERIFICATION,Mds-V

GlueClusterUniqueID: test06.egi.cesga.es

GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_ops

GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_opsibergrid

GlueClusterService: test06.egi.cesga.es:8443/cream-pbs-GRID_ibergrid

GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_ops

GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_opsibe
```

GlueForeignKey: GlueCEUniqueID: test06.egi.cesga.es:8443/cream-pbs-GRID_ibergr

GlueClusterName: test06.egi.cesga.es

}}}

==== Checking if ssh works in bidirectional sense ====

* From WN to CE (OK)

{{{

[root@test14 ~]# su - dteam004

[dteam004@test14 ~]\$ ssh test06.egi.cesga.es

[dteam004@test06 ~]\$

}}}

==== Trying some internal commands ====

{{{

[root@test06 etc]# qstat -Q

Queue	Max	Tot	Ena	Str	Que	Run	Hld	Wat	Trn	Ext	T
GRID_ibergrid	0	0	yes	yes	0	0	0	0	0	0	E
GRID_ops	0	0	yes	yes	0	0	0	0	0	0	E
GRID_dteam	0	0	yes	yes	0	0	0	0	0	0	E
GRID_opsibeu	0	0	yes	yes	0	0	0	0	0	0	E
GRID_iberibeu	0	0	yes	yes	0	0	0	0	0	0	E

[root@test06 etc]# qstat -q
server: test06.egi.cesga.es

```
Queue      Memory CPU Time Walltime Node Run Que Lm State
```

```
-----  
GRID_ibergrid  -- 48:00:00 72:00:00 -- 0 0 -- E R  
GRID_ops      -- 48:00:00 72:00:00 -- 0 0 -- E R  
GRID_dteam    -- 48:00:00 72:00:00 -- 0 0 -- E R  
GRID_opsibeu  -- 48:00:00 72:00:00 -- 0 0 -- E R  
GRID_iberibeu -- 48:00:00 72:00:00 -- 0 0 -- E R
```

```
-----  
0 0
```

```
}}}
```

```
==== Submitting a job from the CESGA UI ====
```

```
{  
[esfreire@ui ~]$ glite-ce-delegate-proxy -e test06.egi.cesga.es esfreire12  
2012-05-08 10:15:36,210 NOTICE - Proxy with delegation id [esfreire12] succesfully  
delegated to endpoint [https://test06.egi.cesga.es:8443//ce-cream/services/gridsite-  
delegation]
```

```
[esfreire@ui ~]$ glite-ce-proxy-renew -e test06.egi.cesga.es esfreire12  
2012-05-08 10:15:46,751 NOTICE - Proxy with delegation id [esfreire12] succesfully  
renewed to endpoint [https://test06.egi.cesga.es:8443//ce-cream/services/gridsite-  
delegation]  
}}
```

```
{  
[esfreire@ui ~]$ glite-ce-job-submit -D esfreire12 -r test06.egi.cesga.es:8443/cream-  
pbs-GRID_ops testCream1.jdl  
https://test06.egi.cesga.es:8443/CREAM225722317
```

```
[esfreire@ui ~]$ glite-ce-job-status -L 2  
https://test06.egi.cesga.es:8443/CREAM225722317
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM225722317]  
Current Status = [DONE-OK]  
}}
```

```
{
```

```
[root@se2 tmp]# ll
```

-rw-r--r-- 1 opssgm005 opssgm 0 May 8 10:13 esfreire.err

-rw-r--r-- 1 opssgm005 opssgm 2909 May 8 10:13 esfreire.out

}}

Not applicable Quality Criteria

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

Test number	Description	Motivation

Comments for UMD QC definition (TSA2.2):

- Review criteria xxxx
- Add criteria xxxx

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: